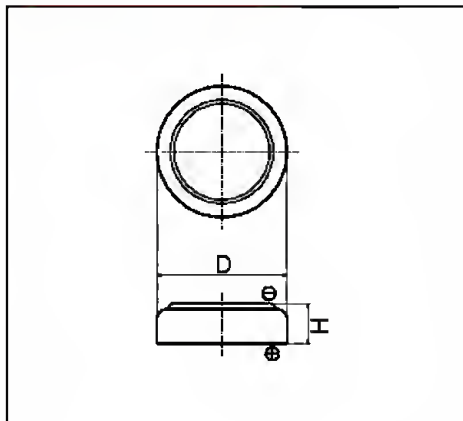


## Cell Type ML414R Specifications



Nominal Capacity <sup>*1</sup>	0.1mAh
Nominal Voltage	3V
Standard Charge/Discharge Current	0.005mA
Max. Discharge Current	Continuous <sup>*2</sup> Pulse <sup>*3</sup>
	0.02mA 0.05mA
Charge/Discharge Cycle Characteristics	Discharging Depth of 100%
	100
Charging Method	Constant Voltage Charge High Temperature
	3.1±0.15V 2.95±0.15V
Temperature Range	-20°C~60°C
Weight	0.07g
Dimensions	Diameter(D) Height(H)
	4.8mm 1.4mm
Reflow Temperature	240°C

<sup>\*1</sup> Nominal capacity is determined to an end voltage of 2.0V when the battery is allowed to discharge at a standard current level at 23°C.

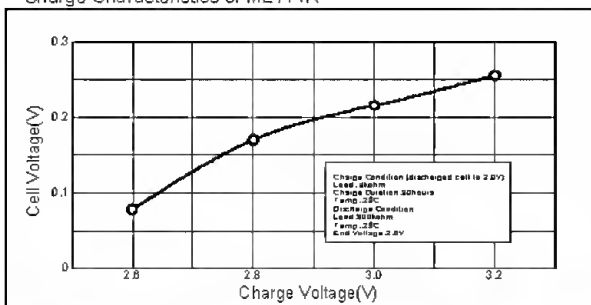
<sup>\*2</sup> Current value is determined so that 50% of the nominal capacity is obtained with an end voltage of 2.0V at 23 °C.

<sup>\*3</sup> Current value for obtaining 2.0V cell voltage when 15sec. pulse is applied at 50% discharge depth at 23 °C.

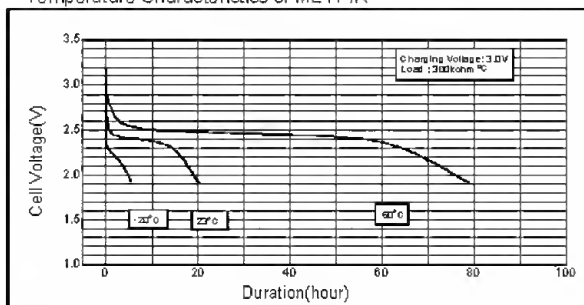
\* ML414R is capable of reflow soldering. Consult Sanyo about the reflow condition.

### Typical Characteristics

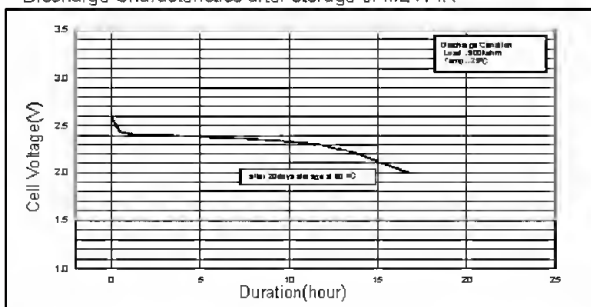
Charge Characteristics of ML414R



Temperature Characteristics of ML414R



Discharge Characteristics after storage of ML414R



Discharge Characteristics after Over-Discharge of ML414R

